



JPW

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of

Docket No: Q94358

Yasuhiro MIYAMOTO, et al.

Appln. No.: 10/575,256

Group Art Unit: 2834

Confirmation No.: 7283

Filed: April 10, 2006

For: MOVING MAGNET TYPE LINEAR ACTUATOR

**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT**

**ATTN:** Office of Initial Patent Examination

Filing Receipt Correction

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

We enclose a copy of the Official Filing Receipt for the above-identified application and request the following correction(s):

Drawings : [[1]] 4

Power of Attorney :

The patent practitioners associated with Customer Number ~~23373~~65565

Verification for the requested correction(s) is indicated on the Transmittal Letter filed April 10, 2006, the date stamped Filing Receipt, and is supported by the attached copy from the USPTO regarding entry of the Notice of Change of Address placed in above-identified electronic File Wrapper on December 14, 2006.

Respectfully submitted,

Darryl Mexic  
Registration No. 23,063

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON DC SUGHRUE/265550

**65565**

CUSTOMER NUMBER

Date: February 1, 2007



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/575,256	04/10/2006	2834	900	Q94358	[1]4	6	1

CONFIRMATION NO. 7283

## FILING RECEIPT

23373  
SUGHRUE MION, PLLC  
2100 PENNSYLVANIA AVENUE, N.W.  
SUITE 800  
WASHINGTON, DC20037

Date Mailed: 12/06/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Yasuhiro Miyamoto, Fukuoka, JAPAN;

**Assignment For Published Patent Application**

KABUSHIKI KAISHA YASKAWA DENKI, FUKUOKA 806-004, JAPAN, JAPAN

**Power of Attorney:** The patent practitioners associated with Customer Number ~~20073~~ 65565**Domestic Priority data as claimed by applicant**

This application is a 371 of PCT/JP04/13351 09/14/2004

**Foreign Applications**

JAPAN 20030352248 10/10/2003

**If Required, Foreign Filing License Granted:** 12/05/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is  
**US10/575,256**

**Projected Publication Date:** 03/15/2007**Non-Publication Request:** No**Early Publication Request:** No**Title**

Moving magnet type linear actuator

## Preliminary Class

310

### PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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#### Title 35, United States Code, Section 184

#### Title 37, Code of Federal Regulations, 5.11 & 5.15

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SUGHRUE MION. PLLC

April 10, 2006

**MAIL STOP PCT**  
Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

PCT/JP04/013351  
-filed September 14, 2004

Re: Application of Yasuhiro MIYAMOTO  
MOVING MAGNET TYPE LINEAR ACTUATOR  
Assignee: **KABUSHIKI KAISHA YASKAWA DENKI**  
Our Ref: Q94358

Dear Sir:

The following documents are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ an English translation of the International Application.
- ☒ four (4) sheets (Figures 1-4) of drawings.
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ an Information Disclosure Statement and a copy of the ISR.
- ☒ a PTO/SB/08 A & B (modified) listing the ISR references.
- ☒ a copy of each reference cited in the ISR.
- ☒ a Preliminary Amendment.

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).

The Government filing fee, after entry of Preliminary Amendment, is calculated as follows:

Total claims	6 - 20 =	<u>0</u>	x \$50.00 =	<u>\$0.00</u>
Independent claims	<u>1 - 3 =</u>	<u>0</u>	x \$200.00 =	<u>\$0.00</u>
Base Fee				<u>\$300.00</u>
Search Fee*				<u>\$400.00</u>
Examination Fee*				<u>\$200.00</u>



SUGHRUE MION, PLLC

U.S. Appln. No.: Based on PCT/JP04/013351

Attorney Docket No.: Q94358

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**TOTAL FILING FEE**

\$900.00

**Recordation of Assignment**

\$ 40.00

**TOTAL FEE**

\$940.00

\* The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

Checks for the statutory filing fee of \$900.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

Country

Application No

Filing Date

Japan

2003-352248

October 10, 2003

Respectfully submitted,

Darryl Mexic

Registration No. 23,063

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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: April 10, 2006

**REQUEST FOR EARLY NOTIFICATION OF SERIAL NUMBER**  
National Stage Entry of PCT/JP04/013351 filed September 14, 2004

Inventor(s): Yasuhiro MIYAMOTO

Title: MOVING MAGNET TYPE LINEAR ACTUATOR

Atty Doc. #: Q94358 Client: NGB CORPORATION

Filing Date: April 10, 2006 # Pgs. Spec/Abst: 17/1 #Claims: 4

# Dwg. Sheets: 4 Decl Yes (3 pages) Prelim Amdt Yes

IDS/Prior Art: Yes Pr Doc: No Asgmt: Yes Fee: \$900/40

International Search Report

☒ Check Attached ☐ Charge to Deposit # 19-4880 Atty/Sec: DM/aam

PTO SB/08 A & B & PTO Form 1595

SERIAL NO.:

CONF NO.:



**REQUEST FOR EARLY NOTIFICATION OF SERIAL NUMBER**  
National Stage Entry of PCT/JP04/013351 filed September 14, 2004

Inventor(s): Yasuhiro MIYAMOTO

Title: MOVING MAGNET TYPE LINEAR ACTUATOR

Atty Doc. #: Q94358 Client: NGB CORPORATION

Filing Date: April 10, 2006 # Pgs. Spec/Abst: 17/1 #Claims: 4

# Dwg. Sheets: 4 Decl Yes (3 pages) Prelim Amdt Yes

IDS/Prior Art: Yes Pr Doc: No Asgmt: Yes Fee: \$900/40

International Search Report

☒ Check Attached ☐ Charge to Deposit # 19-4880 Atty/Sec: DM/aam

PTO SB/08 A & B & PTO Form 1595

SERIAL NO.:

CONF NO.:



UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office  
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P.O. Box 1450  
Alexandria, Virginia 22313-1450  
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APPLICATION NUMBER	PATENT NUMBER	GROUP ART UNIT	FILE WRAPPER LOCATION
10/575,256		2834	

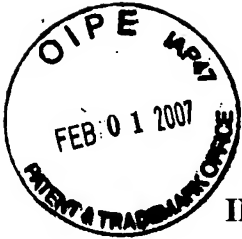
## Correspondence Address / Fee Address Change

The following fields have been set to Customer Number 65565 on 12/14/2006

- Correspondence Address

The address of record for Customer Number 65565 is:

SUGHRUE-265550  
2100 PENNSYLVANIA AVE. NW  
WASHINGTON, DC 20037-3213



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No.: Q94358

Yasuhiro MIYAMOTO

Appln. No.: 10/575,256

Confirmation No.: 7283

Filed: April 10, 2006

For: MOVING MAGNET TYPE LINEAR ACTUATOR

**SUBMISSION OF REPLACEMENT DRAWINGS**

**MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

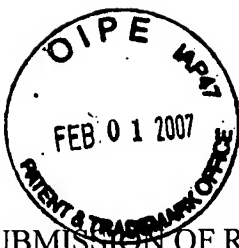
Alexandria, VA 22313-1450

Sir:

Prior to examination, please amend the above-identified application as follows on the accompanying pages:

**TABLE OF CONTENTS**

AMENDMENTS TO THE DRAWINGS.....	2
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SUBMISSION OF REPLACEMENT DRAWINGS  
U.S. Appln. No.: 10/575,256

**AMENDMENTS TO THE DRAWINGS**

Submitted herewith please find four (4) sheets of replacement drawings in compliance with 37 C.F.R. § 1.84. The Examiner is respectfully requested to acknowledge receipt of these drawings.

The submitted drawings are intended to replace the drawings previously submitted.

Attachment: Replacement Sheets: Four (4)

SUBMISSION OF REPLACEMENT DRAWINGS  
U.S. Appln. No.: 10/575,256

**REMARKS**

Entry and consideration of this Amendment are respectfully requested.

Respectfully submitted,



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Darryl Mexic  
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WASHINGTON DC SUGHRUE/265550

**65565**  
CUSTOMER NUMBER

Date: February 1, 2007